

# Manhole Inspection Summary

# Manhole # S09WW1012MH

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**Inspection**  Is Incomplete Rating: **4) Poor**

Record Plat: **09WW1** Node: **012** Status: **Found**

Insp Date: **10/18/06 11:55 AM**

Incomplete Comments

Crew: **HDP, JJ**  
Inspector: **Jensen, J**  
Firm: **RKK**

**Location** Address: **5504 WOODCREST AVE**

Cross Street: **W NORTHERN PKWY**

**Manhole** Type: **Junction** Location: **Roadway**

Ground Conditions: **Wet**

Prev. Rehab Weather: **Dry**

Subject To Ponding: **None**

Comments

**Cover** Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Worn** Cover Material: **Cast Iron**

Properties:  Bolted  Vented  Water Tight  Water Tight Insert

**Frame** Offset: **3** (in.) Condition:  Sound  Cracked  **Leaks**

**Chimney / Frame Adjustment**  Exists Material: **Brick**  Parged Height: **5** (in.)

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  **Deteriorated**

Infiltration:  None  **Joint**  Cracks  **Mortar**  Roots  Wall

**Corbel** Material: **Brick and Concrete**  Parged Type: **Concentric/Eccentric**

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  Deteriorated

Infiltration:  None  Joint  Cracks  **Mortar**  Roots  **Wall**

**Barrel** Material: **Concrete**  Parged

Shape: **Rectangular** Diameter: **36** (in.) Length: **60** (in.)

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  **Deteriorated**

Infiltration:  None  Joint  Cracks  **Mortar**  Roots  **Wall**

**Bench**  Exists Material: **Brick**  Parged  **Debris** (not Condition related)

Condition:  Sound  Cracked  Root Intrusion  Deteriorated  Leaks  Debris

**Channel** Material: **Clay**  Parged  Debris (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition:  Sound  **Cracked**  Root Intrusion  Deteriorated  Leaks  Debris

**Steps** Count: **2** Missing: **1**  **Corroded**

**Surcharge**  Evidence Of Surcharge Depth: (ft.)  Active Surcharge Present

Location View



Top View



Corroded steps. Bench debris.

Inside the I8



Plugged - debris.

Defect



Frame leaks. Frame offset. Corroded step. Adjustment deterioration and infiltration. Corbel and Barrel infiltration.

Defect



Corbel and Barrel infiltration.

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## 8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Barrel deterioration and infiltration. Channel cracks.

Rod and Bar (Angled)

Pipe Material: **Clay**  Pipe Lined

Invert Depth: **9.23** (ft.) Flow Characteristics: **Slow**

Deposits:  None  Mud  Sludge  Debris  Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

## 8 in. Circular Gravity Sewer Pipe In @ 3 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**  Pipe Lined

Invert Depth: **6.92** (ft.) Flow Characteristics: **None**

Deposits:  None  Mud  Sludge  Debris  Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

## Drop In @ 3 O'Clock



Drop: **Outside** Rod and Bar  
Angled: **Yes** Reading: **7.68** (ft.)  
Inv Depth: **8.68** (ft.)

Drop Condition: **Open**

Connects To: **House connection / Service line**

Possible Illicit Connection

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## 8 in. Circular Gravity Sewer

Pipe In @ 6 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**  Pipe Lined

Invert Depth: **9.08** (ft.) Flow Characteristics: **Slow**

Deposits:  None  Mud  Sludge  Debris  Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

Possible Illicit Connection

## 8 in. Circular Gravity Sewer

Pipe In @ 8 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**  Pipe Lined

Invert Depth: **8.52** (ft.) Flow Characteristics: **None**

Deposits:  None  Mud  Sludge  Debris  Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Stub connection / abandoned**

Possible Illicit Connection